

# Resuspension of Midi-Prepped LT10 Promoter Construct in PSB1C3 Plasmid.

Made with Benchling

**Project:** Awesome Possum

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## Purpose:

Resuspend extracted DNA from Midi-Prepped sample into buffer solution. The resuspension will provide a stable environment for the DNA sample while stored fore downstream applications.

## Materials:

- Dry opaque midi-prepped DNA pellet
- TE Buffer
- Micropipette
- Micropipette Tips
- 1.5 mL Eppendorf tube
- Implen P 300 Nano-photometer

## Protocol:

The opaque DNA pellet was supplied in a polycarbonate centrifuge tube. First, a micropipette was used to deliever 1.0 mL of TE buffer into the centrifuge tube. The liquid was pipetted up and down in order to thoroughly mix the pelleted DNA with the buffer solution. Once the mixture was homogenous it was pipetted into a 1.5 mL eppendorf tube. After that, the DNA concentration was checked with an Implen P 300. The machine was blanked with 1.0 µL of TE buffer and 1.0 µL of the sample was measured. The concentration obtained is provided in Table 1.

DNA Concentration of Resuspended Midi-prepped LT10 Prom...							
	A	B	C	D	E	F	G
1	<u>Sample</u>	<u>Concentration</u> <u>(ng/µL)</u>	<u>A230</u>	<u>A260</u>	<u>A280</u>	<u>A320</u>	<u>A260/A280</u>
2	Midi-Prepped LT10 Promoter in PSB1C3	80	0.012	0.032	0.017	0	